## **AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions, and listings, of claims in the application:

- An oil pressure control device for changing the 1. (Currently Amended) operating range of use with a vehicle transmission, which transmission has a shift lever that is configured to select a range from among the operating range including at least a drive range which that advances the vehicle, a reverse range-which that reverses the vehicle and vehicle, and a stop range which that stops the vehicle, wherein the vehicle has forward and reverse frictional-engagement devices that convert: the transmission has a forward/reverse changeover part which is provided with a forward clutch which transmits a drive force generated by an engine to the transmission as a drive force which that advances the vehicle or, and a reverse clutch which transmits a drive force generated by the engine to the transmission as a drive force which that reverses the vehicle, wherein the only the forward frictionalengagement device elutch is engaged by oil pressure in the drive range, wherein the only the reverse frictional-engagement device eluteh is engaged by oil pressure in the reverse range, and wherein both the forward frictional-engagement device clutch-and the reverse frictionalengagement device elutch-are released in the stop range, and a speed change part connected to the forward/reverse change-over part, the oil pressure control device comprising:
  - a elutch-pressure adjusting device—which adjusts the oil pressure from a pump, and that engages or releases the forward frictional-engagement device or the elutch and-reverse frictional-engagement device elutch-by supplying the adjusted oil pressure to one of the forward frictional-engagement device and the elutch and reverse elutch, frictional-engagement device;
  - a sensor-which that detects an operating a range selected by a driver of the vehicle, the shift lever; and
  - a controller-which that controls the-clutch pressure adjusting device based on a signal from the sensor, wherein the controller is configured to measure a stop-range selected time period during which the stop range is selected after the reverse range, and wherein the controller functions to control the pressure adjusting device to:
    - control the clutch pressure adjusting device to supply an initial oil pressure to the forward <u>frictional-engagement device</u> <u>clutch</u> and subsequently

decrease the supplied oil pressure from the initial oil pressure to a predetermined oil pressure, when the drive range is selected after the stop range or the reverse range; has been selected from the reverse range, and when the time for which the stop range has been selected is longer than a time required for the oil pressure supplied to the reverse elutch to decrease to zero;

eontrol the clutch pressure adjusting device to increase the supplied oil pressure at a small increase rate from the predetermined oil pressure during a predetermined time period; and

after the predetermined time period has elapsed, control the clutch pressure adjusting device to increase the supplied oil pressure at a large increase rate, after the predetermined time period has elapsed,

wherein, during the predetermined time period, the supplied oil pressure is set depending on the stop-range selected time period.

- 2. (Original) The oil pressure control device as defined in Claim 1, wherein the predetermined time period is a period from when the oil pressure is decreased to when a backlash of a power train of the vehicle disappears due to forward rotation of the power train of the vehicle.
- 3. (Currently Amended) The oil pressure control device as defined in Claim-2, wherein the predetermined time period depends on the size of the power train 1, wherein during the predetermined time period, when the stop-range selected time period is shorter than a predetermined value, the supplied oil pressure is set smaller as compared to when the stop-range selected time period is longer than the predetermined value.
- 4. (Currently Amended) The oil pressure control device as defined in Claim-1, wherein the forward clutch comprises a clutch piston displaced by oil pressure, and a piston spring which pushes the clutch piston in an opposite direction to a force of the oil pressure, and the oil pressure supplied to the forward clutch during the predetermined time period is a slightly higher pressure than the pressure applied to the clutch piston from the piston spring, and is a lower pressure than the initial pressure 3, wherein the predetermined value for the stop-range selected time period indicates a time required for the oil pressure supplied to the reverse frictional-engagement device to decrease to zero.

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- An oil pressure control device for-changing the 5. (Currently Amended) operating range of use with a vehicle transmission, which transmission has a shift lever that is configured to select a range from among the operating range including at least a drive range which that advances the vehicle, a reverse range which that reverses the vehicle and vehicle, and a stop range-which that stops the vehicle, wherein: the transmission wherein the vehicle has a forward/reverse change-over part which is provided with a forward and reverse frictional-engagement devices that convert eluteh which transmits a drive force generated by an engine to the transmission as a drive force-which that advances the vehicle or, and a reverse clutch which transmits a drive force generated by the engine to the transmission as a drive force—which that reverses the vehicle, wherein—only the the forward frictionalengagement device elutch is engaged by oil pressure in the drive range, wherein the only the reverse clutch frictional-engagement device is engaged by oil pressure in the reverse range, and wherein both the forward frictional-engagement device and the elutch and reverse frictional-engagement device elutch-are released in the stop range, and a speed change part connected to the forward/reverse change-over part, the oil pressure control device comprising:
  - a-clutch pressure adjusting device—which adjusts the oil pressure from a pump, and that engages or releases the forward frictional-engagement device or the clutch and reverse frictional-engagement device elutch-by supplying the adjusted oil pressure to one of the forward frictional-engagement device and the clutch and reverse-clutch, frictional-engagement device;
  - a sensor-which that detects an operating a range selected by a driver of the vehicle, the shift lever; and
  - a controller-which that controls the clutch pressure adjusting device based on a signal from the sensor, wherein the controller is configured to measure a stop-range selected time period during which the stop range is selected after the drive range, and wherein the controller functions to control the pressure adjusting device to:
    - control the pressure adjusting device to supply an initial oil pressure to the reverse-elutch frictional-engagement device and subsequently decrease the supplied oil pressure from the initial oil pressure to a predetermined oil pressure, when the reverse range is selected after the stop range or the drive range; has been selected from the drive range,

and when the time for which the stop range has been selected is longer than a time required for the oil pressure supplied to the forward clutch to decrease to zero;

control the clutch pressure adjusting device to increase the supplied oil pressure at a small increase rate from the predetermined oil pressure during a predetermined time period; and

after the predetermined time period has elapsed, control the clutch pressure adjusting device to increase the supplied oil pressure at a large increase rate, after the predetermined time period has elapsed,

wherein, during the predetermined time period, the supplied oil pressure is set depending on the stop-range selected time period.

- 6. (Original) The oil pressure control device as defined in Claim 5, wherein the predetermined time period is a period from when the oil pressure is decreased to when a backlash of a power train of the vehicle disappears due to reverse rotation of the power train of the vehicle.
- 7. (Currently Amended) The oil pressure control device as defined in Claim 6 Claim 5, wherein the predetermined time period depends on the size of the power train during the predetermined time period, when the stop-range selected time period is shorter than a predetermined value, the supplied oil pressure is set smaller as compared to when the stop-range selected time period is longer than the predetermined value.
- 8. (Currently Amended) The oil pressure control device as defined in Claim—5, wherein the reverse clutch comprises a clutch piston displaced by oil pressure, and a piston spring which pushes the clutch piston in an opposite direction to a force of the oil pressure, and the oil pressure supplied to the reverse clutch during the predetermined time period is a slightly higher pressure than the pressure applied to the clutch piston from the piston spring, and is a lower pressure than the initial pressure 7, wherein the predetermined value for the stop-range selected time period indicates a time required for the oil pressure supplied to the forward frictional-engagement device to decrease to zero.

9. – 16. (Canceled)

- 17. (Currently Amended) An oil pressure control device for changing the operating range of use with a vehicle transmission, which transmission has a shift lever that is configured to select a range from among the operating range including at least a drive range which that advances the vehicle, a reverse range which that reverses the vehicle and vehicle, and a stop range-which that stops the vehicle, wherein the vehicle has forward and reverse frictional-engagement devices that convert: the transmission has a forward/reverse changeover part which is provided with a forward clutch which transmits a drive force generated by an engine to the transmission as a drive force which that advances the vehicle or, and a reverse clutch which transmits a drive force generated by the engine to the transmission as a drive force which that reverses the vehicle, wherein the only the forward frictionalengagement device elutch is engaged by oil pressure in the drive range, wherein the only the reverse frictional-engagement device eluteh is engaged by oil pressure in the reverse range, and wherein both the forward frictional-engagement device eluteh-and the reverse frictionalengagement device elutch are released in the stop range, and a speed change part connected to the forward/reverse change over part, the oil pressure control device comprising:
  - a clutch pressure adjusting means for adjusting the oil pressure from a pump, and for engaging or releasing engages or releases the forward clutch and frictional engagement device or the reverse—clutch frictional-engagement device by supplying the adjusted oil pressure to one of the forward frictional-engagement device clutch—and the reverse—clutch, frictional engagement device;
  - a sensor sensor means for detecting an operating a range selected by a driver of the vehicle; vehicle;
  - measurement means for measuring a stop-range selected time period during which the stop range is selected after the reverse range;
  - a control first control means for controlling the clutch pressure adjusting means to supply an initial oil pressure to the forward frictional-engagement device clutch and subsequently decrease the supplied oil pressure from the initial oil pressure to a predetermined oil pressure, when the drive range is selected after the stop range has been selected from or the reverse range;
  - a control second control means for controlling the clutch pressure adjusting means to increase the supplied oil pressure at a small increase rate from the predetermined oil pressure during a predetermined time period; and

a control third control means for controlling the clutch pressure adjusting means to increase the supplied oil pressure at a large increase rate after the predetermined time period has elapsed.

wherein, during the predetermined time period, the supplied oil pressure is set depending on the stop-range selected time period.

- An oil pressure control device for changing the 18. (Currently Amended) operating range of use with a vehicle transmission, which transmission has a shift lever that is configured to select a range from among the operating range including at least a drive range which that advances the vehicle, a reverse range-which that reverses the vehicle and vehicle, and a stop range which that stops the vehicle, wherein the vehicle has forward and reverse frictional-engagement devices that convert: the transmission has a forward/reverse changeover part which is provided with a forward clutch which transmits a drive force generated by an engine to the transmission as a drive force which that advances the vehicle or , and a reverse clutch which transmits a drive force generated by the engine to the transmission as a drive force which that reverses the vehicle, wherein the only the forward frictionalengagement device elutch-is engaged by oil pressure in the drive range, wherein the only the reverse frictional-engagement device eluteh-is engaged by oil pressure in the reverse range, and wherein both the forward frictional-engagement device eluteh and the reverse frictionalengagement device\_elutch-are released in the stop range, and a speed change part connected to the forward/reverse change-over part, the oil pressure control device comprising:
  - a clutch pressure adjusting means for adjusting the oil pressure from a pump, and for engaging or releasing engages or releases the forward clutch and frictional-engagement device or the reverse clutch frictional-engagement device by supplying the adjusted oil pressure to one of the forward frictional-engagement device clutch and the reverse clutch, frictional engagement device;
  - a sensor a sensor means for detecting an operating a range selected by a driver of the vehicle; vehicle;
  - measurement means for measuring a stop-range selected time period during which the stop range is selected after the drive range;
  - a control first control means for controlling the pressure adjusting means to supply an initial oil pressure to the reverse <u>frictional-engagement device</u> clutch—and subsequently decrease the supplied oil pressure from the initial oil pressure to

- a predetermined oil pressure, when the reverse range is selected after the stop range has been selected from or the drive range;
- a control second control means for controlling the clutch pressure adjusting means to increase the supplied oil pressure at a small increase rate from the predetermined oil pressure during a predetermined time period; and
- a control third control means for controlling the clutch pressure adjusting means to increase the supplied oil pressure at a large increase rate after the predetermined time period has elapsed.

wherein, during the predetermined time period, the supplied oil pressure is set depending on the stop-range selected time period.